

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072342.D
 Acq On : 21 Mar 2022 16:07
 Operator : VA/SY
 Sample : N1970-09RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-12-21-22RE

Quant Time: Mar 22 02:12:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

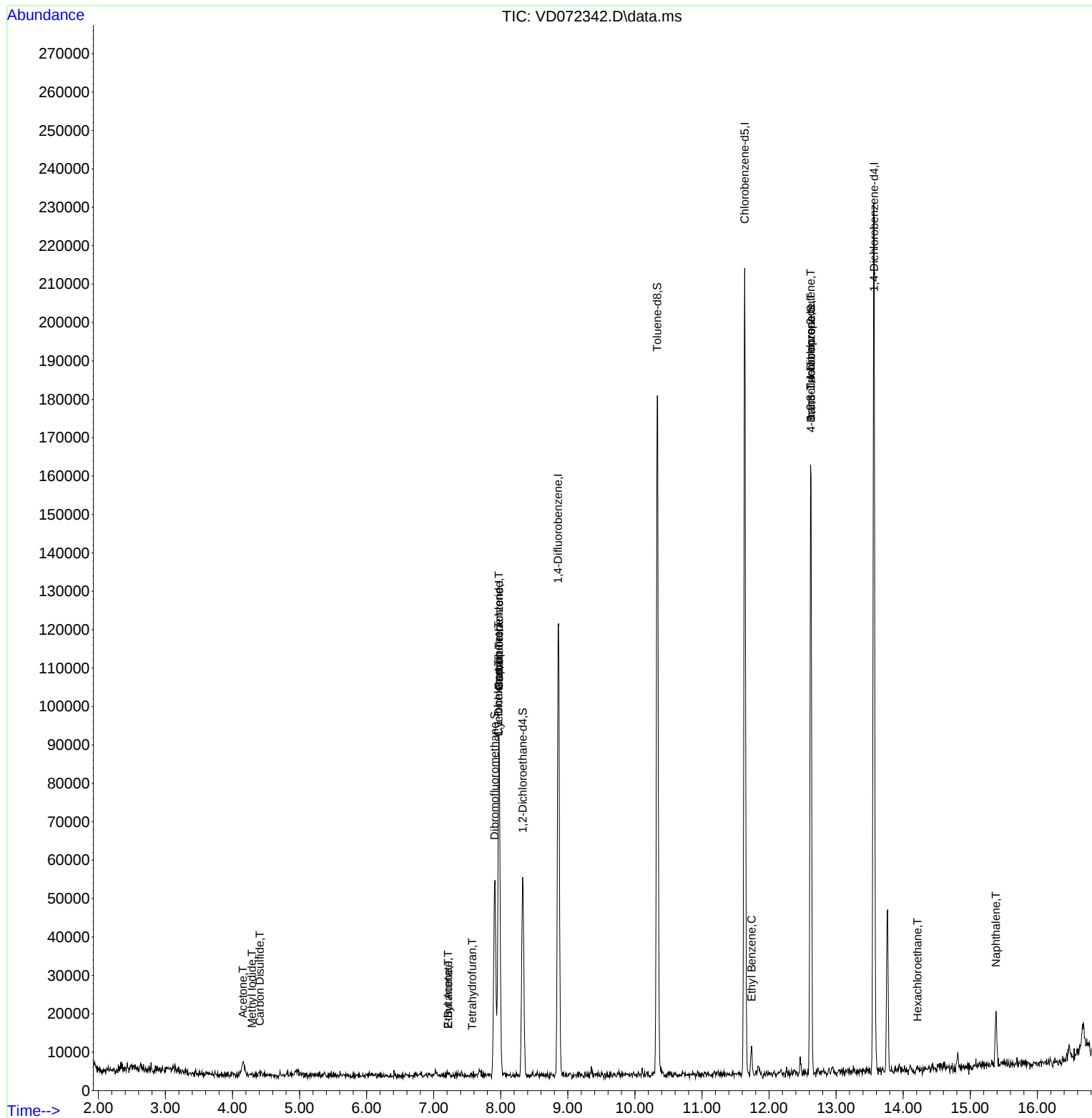
Internal Standards						
1) Pentafluorobenzene	7.973	168	62341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	100364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	116729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	58864	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	39902	57.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.860%			
35) Dibromofluoromethane	7.908	113	37261	52.758	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.520%			
50) Toluene-d8	10.332	98	124484	48.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.400%			
62) 4-Bromofluorobenzene	12.626	95	54599	54.412	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.820%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	142	2.439	ug/l #	38
16) Acetone	4.156	43	6972	46.220	ug/l	91
17) Carbon Disulfide	4.409	76	1116	2.311	ug/l #	74
20) Methylene Chloride	4.944	84	322	Below Cal	#	54
25) 2-Butanone	7.214	43	1574	7.826	ug/l	98
29) Tetrahydrofuran	7.573	42	126	1.065	ug/l #	38
31) Cyclohexane	7.967	56	1376	1.268	ug/l #	22
36) 1,1-Dichloropropene	7.967	75	5288	5.337	ug/l #	48
37) Ethyl Acetate	7.214	43	1574	3.627	ug/l #	72
38) Carbon Tetrachloride	7.973	117	6698	5.947	ug/l #	17
67) Ethyl Benzene	11.738	91	5017	1.085	ug/l #	86
76) 1,2,3-Trichloropropane	12.620	75	28190	43.415	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	28190	107.716	ug/l #	7
90) Hexachloroethane	14.214	117	1004	1.180	ug/l #	17
95) Naphthalene	15.384	128	11839	5.407	ug/l #	94

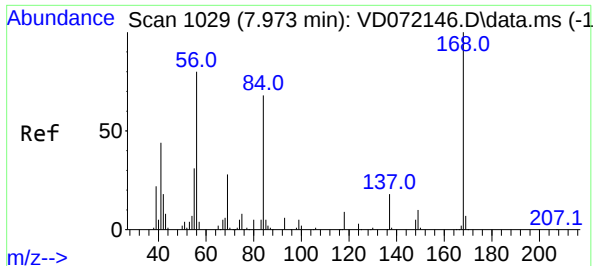
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
Data File : VD072342.D
Acq On : 21 Mar 2022 16:07
Operator : VA/SY
Sample : N1970-09RE
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

Quant Time: Mar 22 02:12:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

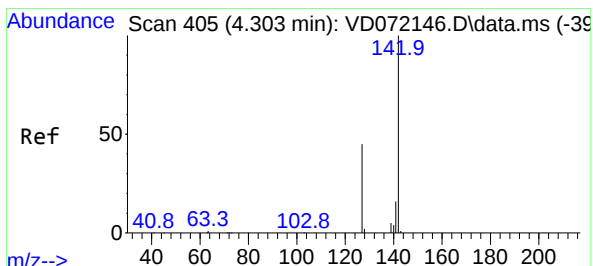
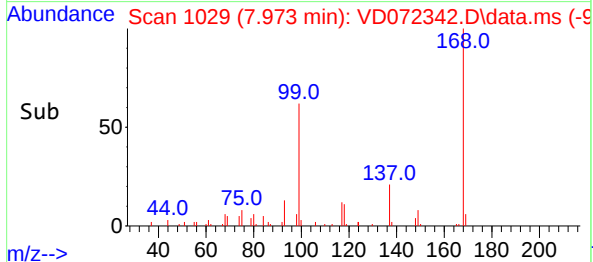
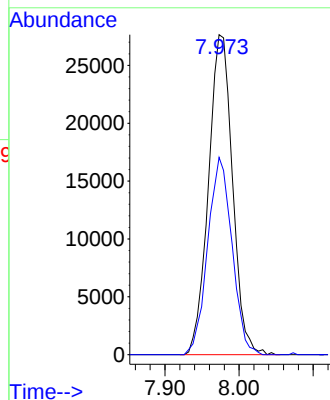
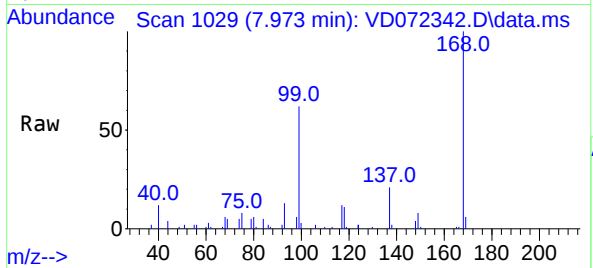




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

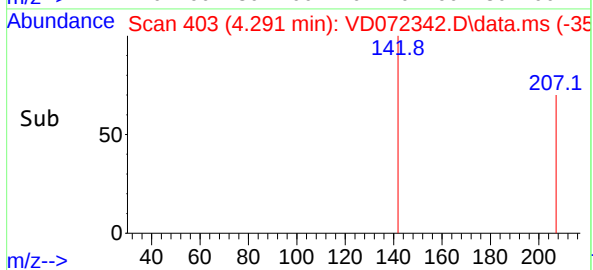
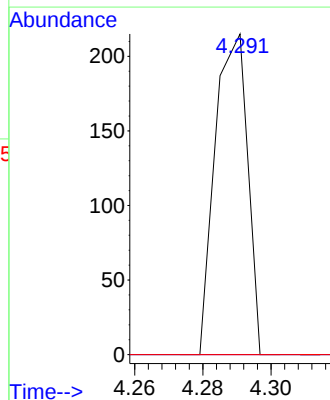
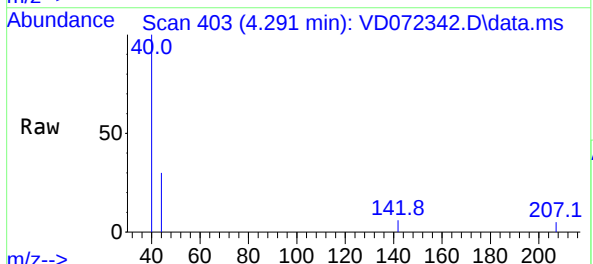
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

Tgt Ion:168 Resp: 62341
Ion Ratio Lower Upper
168 100
99 61.6 49.8 74.6



#10
Methyl Iodide
Concen: 2.439 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion:142 Resp: 142
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

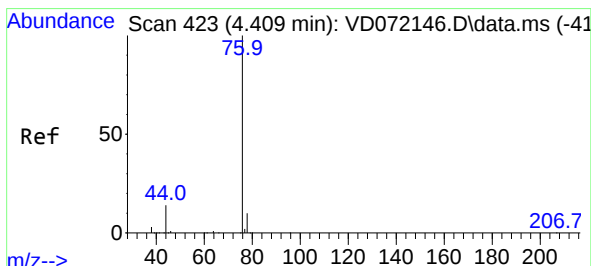
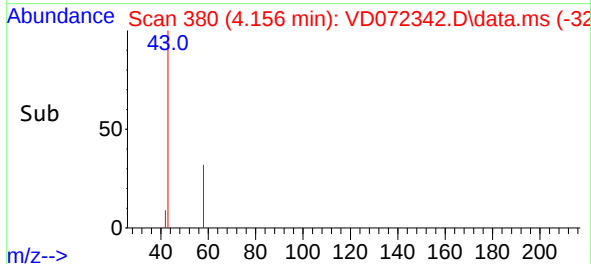
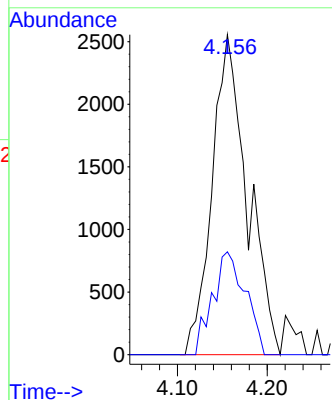
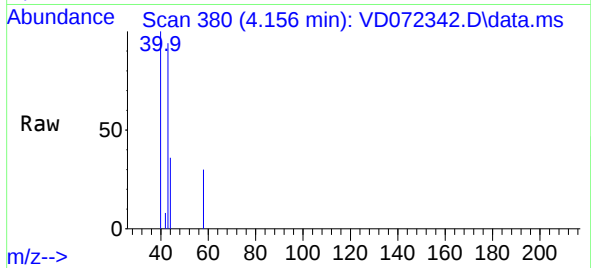




#16
Acetone
Concen: 46.220 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

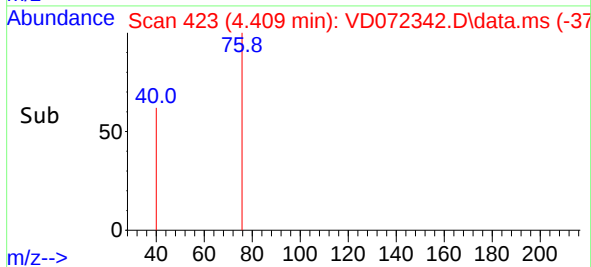
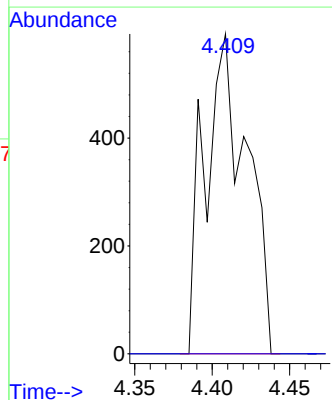
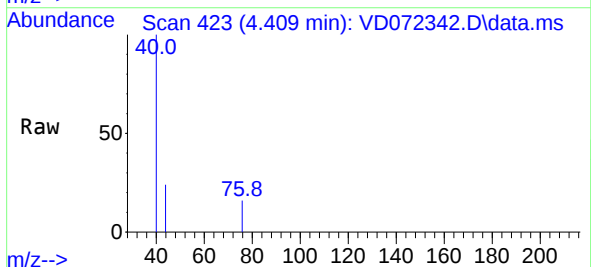
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

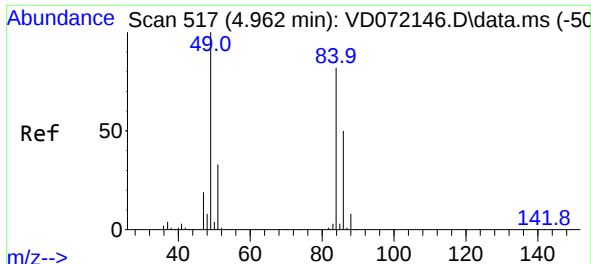
Tgt Ion: 43 Resp: 6972
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1



#17
Carbon Disulfide
Concen: 2.311 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

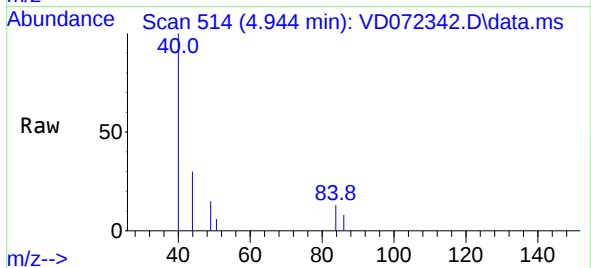
Tgt Ion: 76 Resp: 1116
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





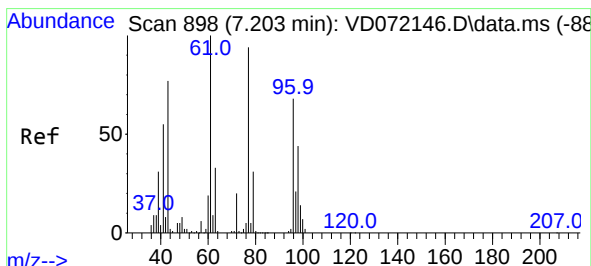
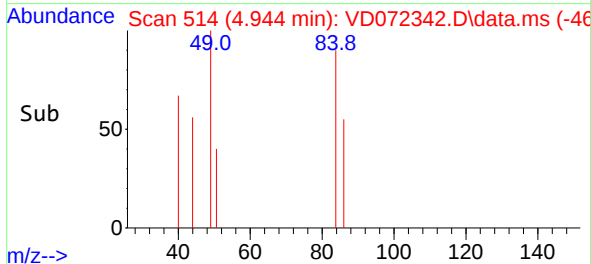
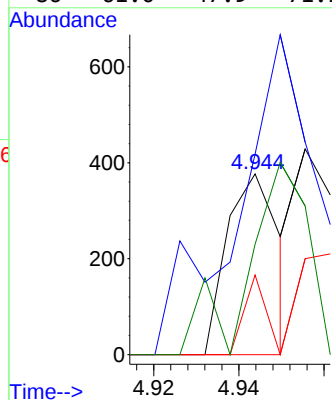
#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE



Tgt Ion: 84 Resp: 322

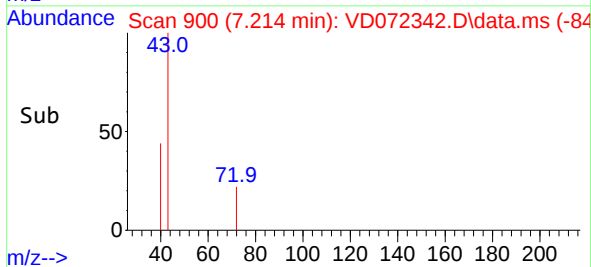
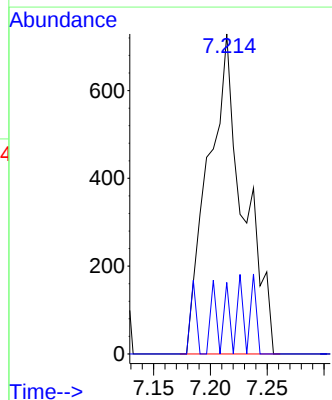
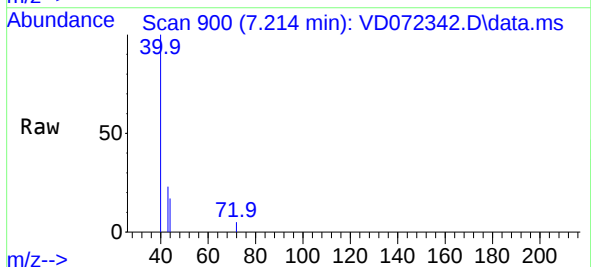
Ion	Ratio	Lower	Upper
84	100		
49	48.0	112.8	169.2#
51	44.0	32.6	48.8
86	61.0	47.9	71.9

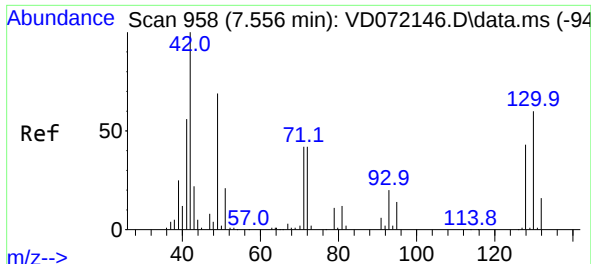


#25
2-Butanone
Concen: 7.826 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 43 Resp: 1574

Ion	Ratio	Lower	Upper
43	100		
72	22.4	18.6	27.8





#29

Tetrahydrofuran

Concen: 1.065 ug/l

RT: 7.573 min Scan# 9

Delta R.T. 0.018 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

G-3-12-21-22RE

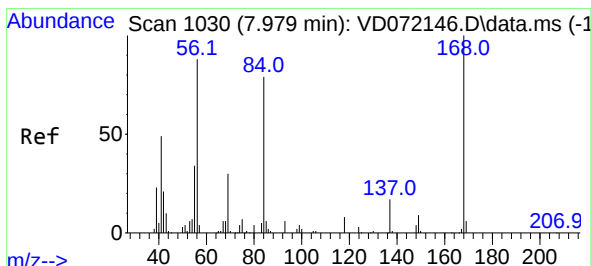
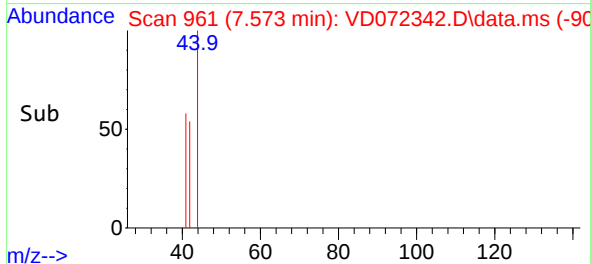
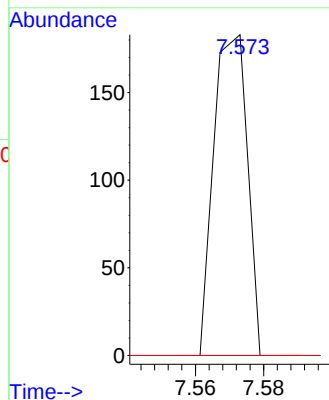
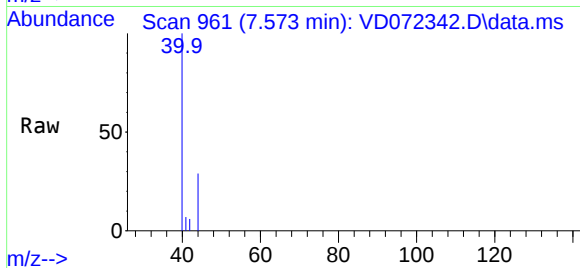
Tgt Ion: 42 Resp: 126

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

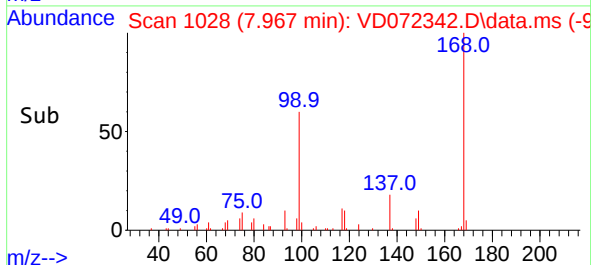
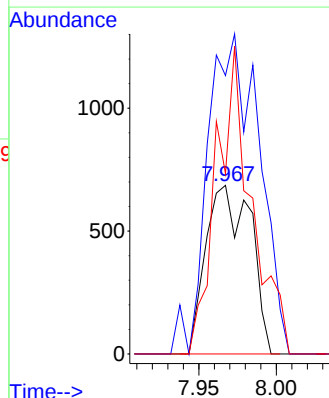
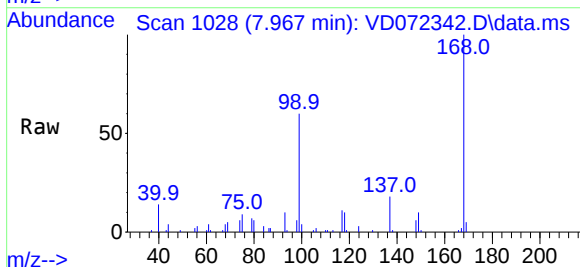
Tgt Ion: 56 Resp: 1376

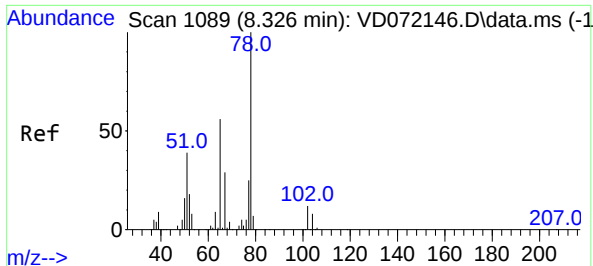
Ion Ratio Lower Upper

56 100

69 138.8 25.4 38.2#

84 107.0 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 57.433 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

Instrument :

MSVOA_D

ClientSampleId :

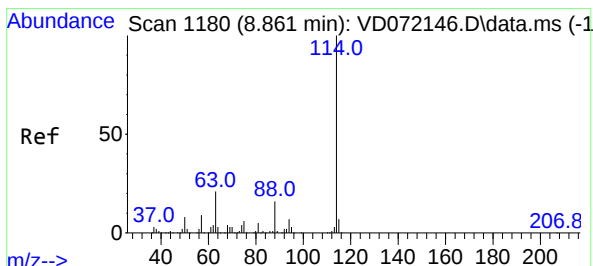
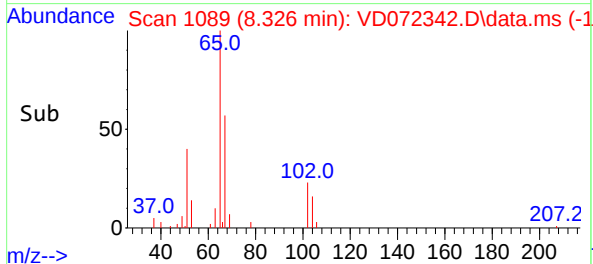
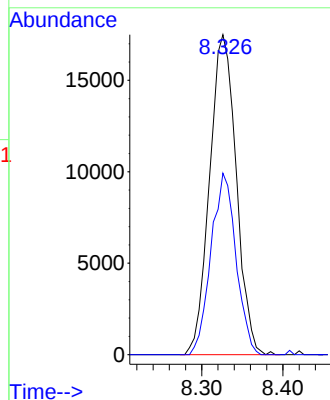
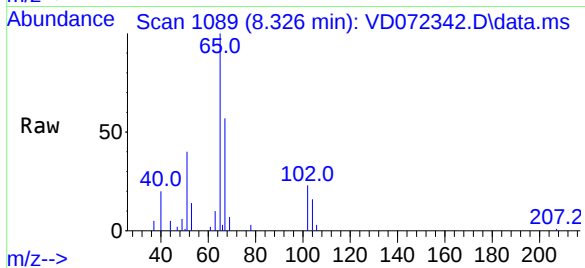
G-3-12-21-22RE

Tgt Ion: 65 Resp: 39902

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072342.D

Acq: 21 Mar 2022 16:07

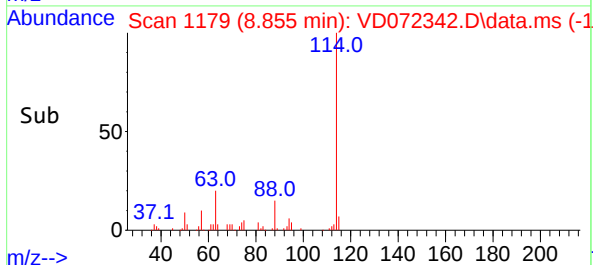
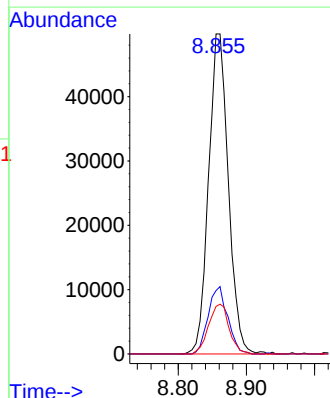
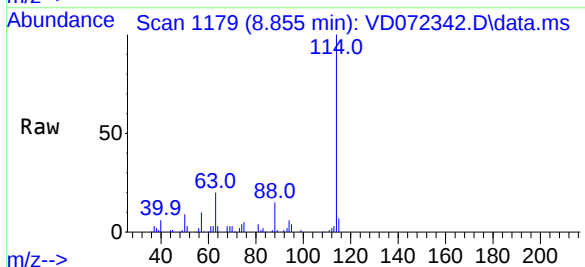
Tgt Ion: 114 Resp: 100364

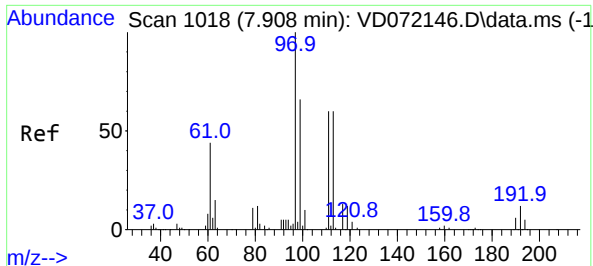
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 14.8 0.0 33.2

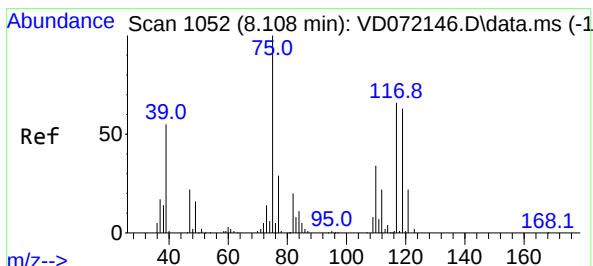
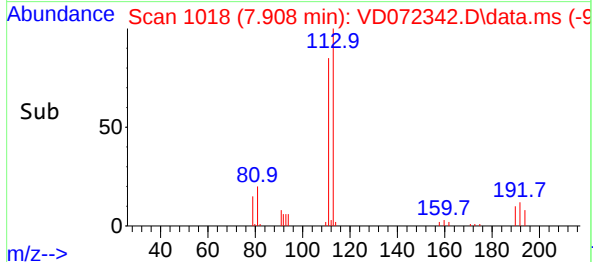
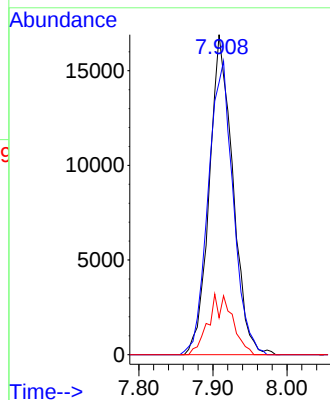
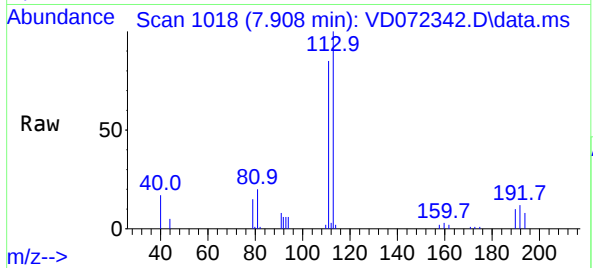




#35
Dibromofluoromethane
Concen: 52.758 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

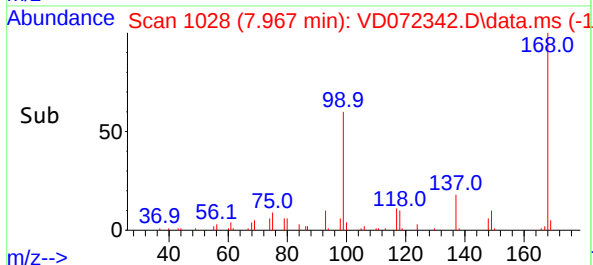
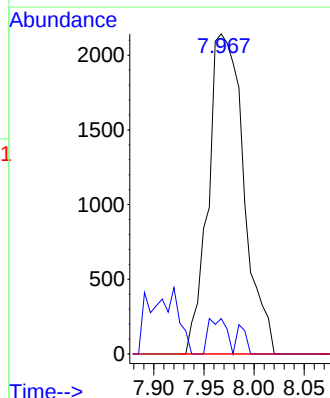
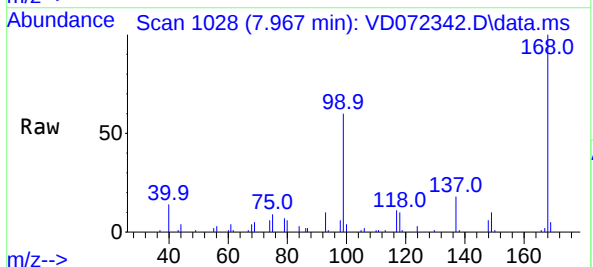
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

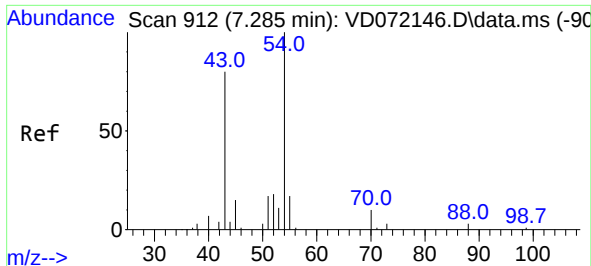
Tgt Ion:113 Resp: 37261
Ion Ratio Lower Upper
113 100
111 97.3 83.8 125.6
192 9.5 14.6 21.8#



#36
1,1-Dichloropropene
Concen: 5.337 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 75 Resp: 5288
Ion Ratio Lower Upper
75 100
110 5.6 16.4 49.1#
77 0.0 24.2 36.2#

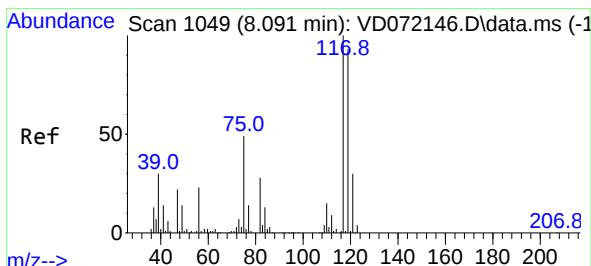
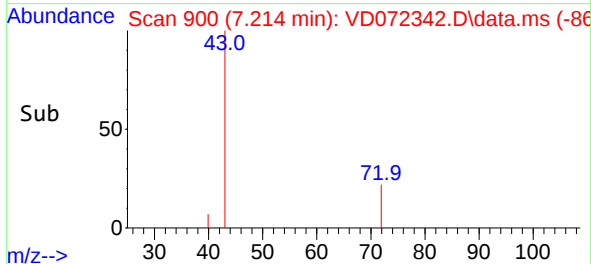
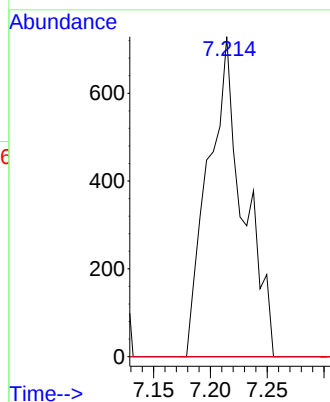
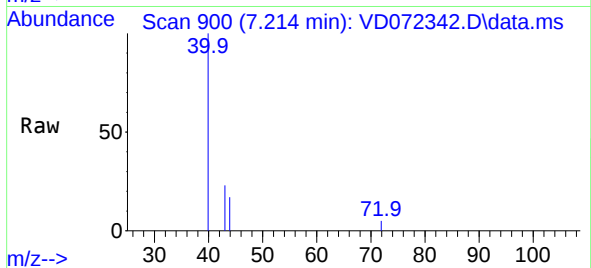




#37
Ethyl Acetate
Concen: 3.627 ug/l
RT: 7.214 min Scan# 90
Delta R.T. -0.071 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

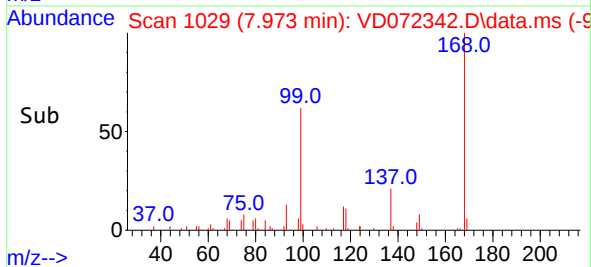
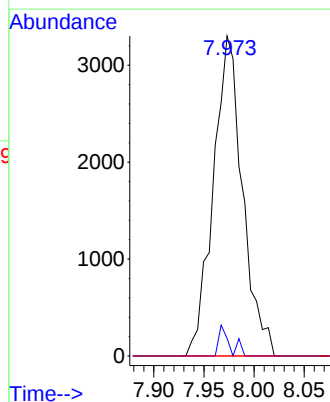
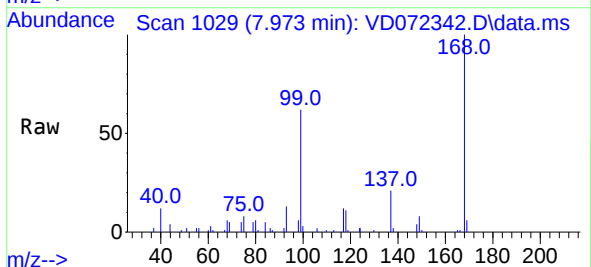
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

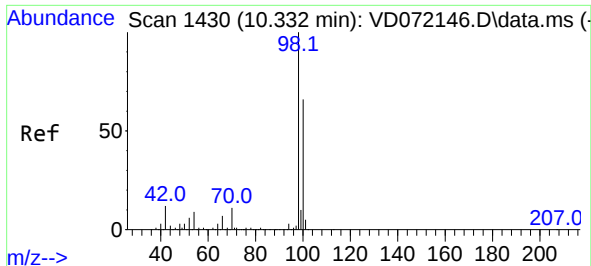
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 5.947 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 117 Resp: 6698
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#

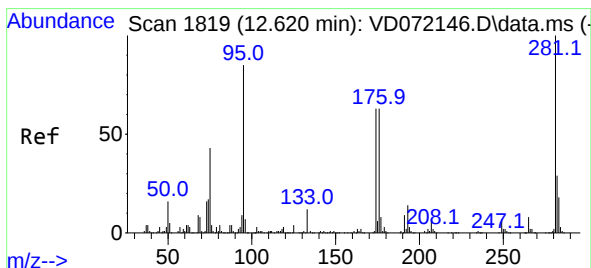
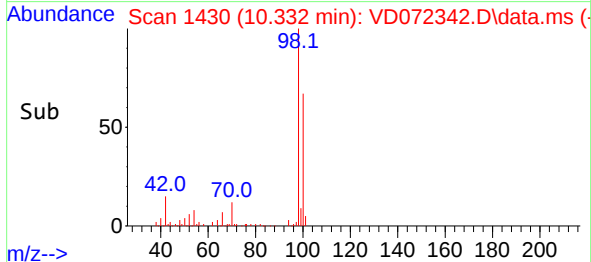
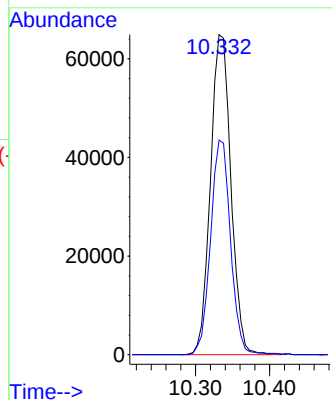
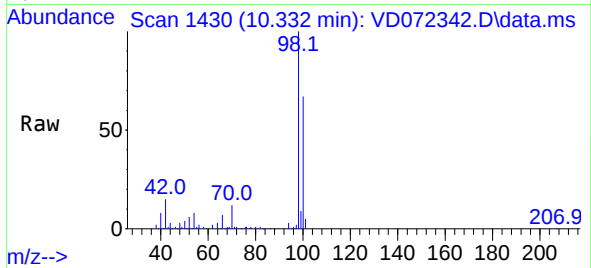




#50
Toluene-d8
Concen: 48.203 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

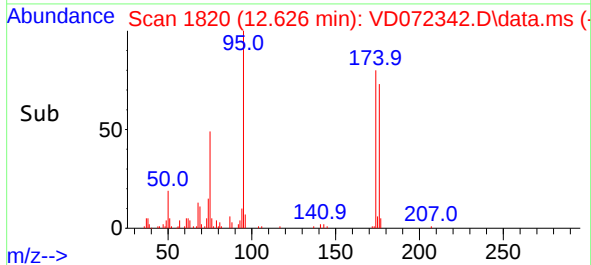
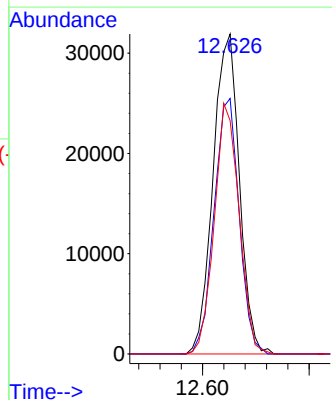
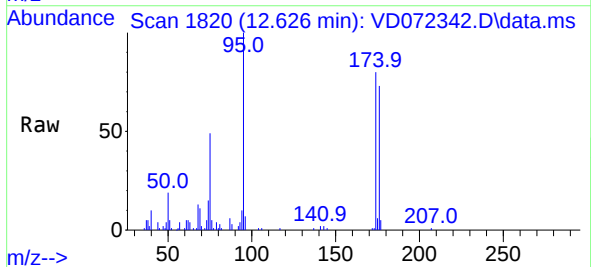
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

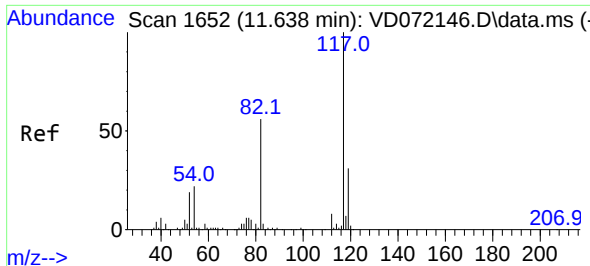
Tgt Ion: 98 Resp: 124484
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.412 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion: 95 Resp: 54599
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 73.8 0.0 145.4

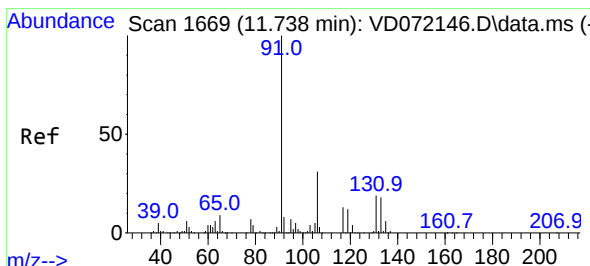
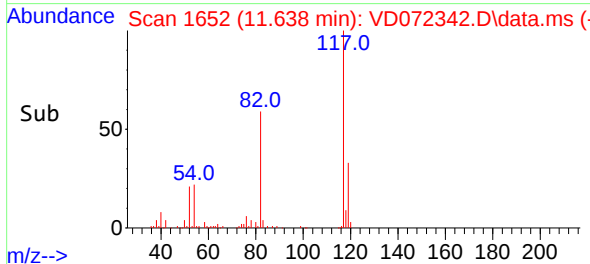
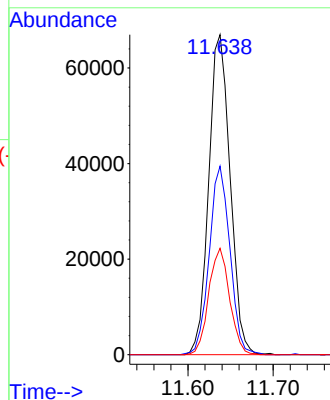
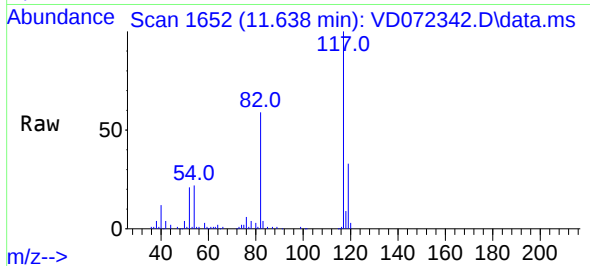




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 116729
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

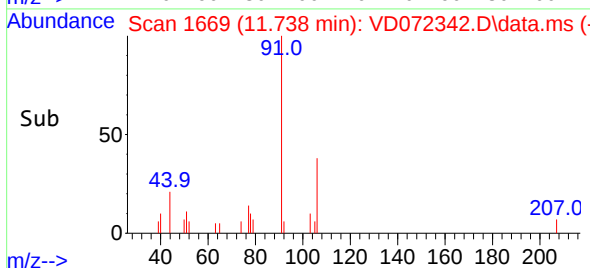
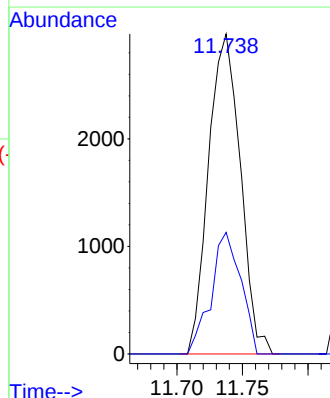
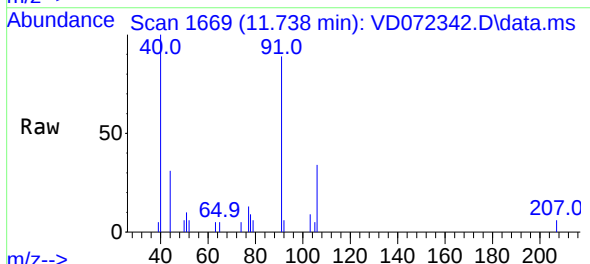
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

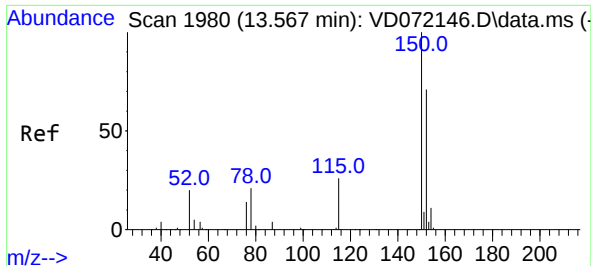
Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.3	67.9
119	33.3	26.6	40.0



#67
Ethyl Benzene
Concen: 1.085 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	38.0	24.2	36.4

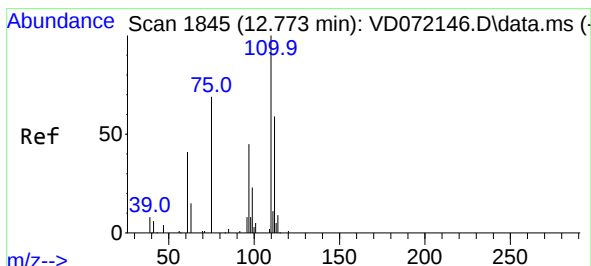
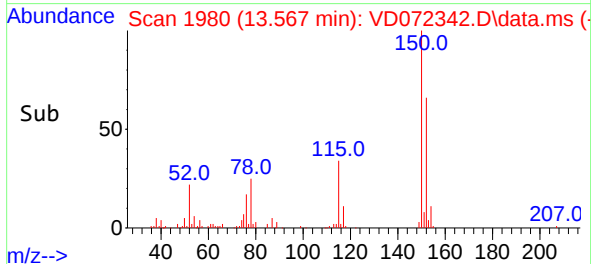
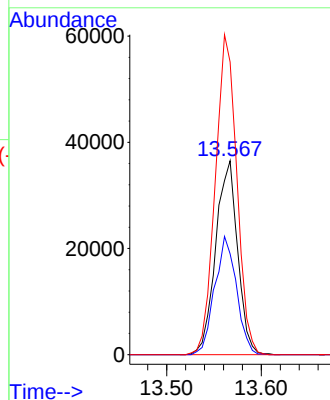
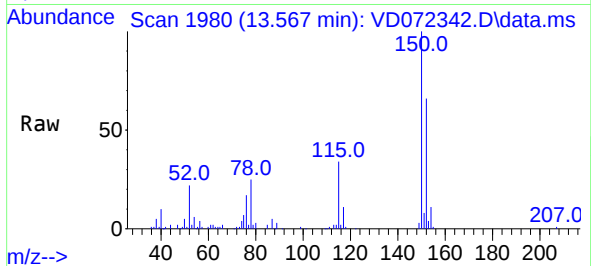




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD072342.D
 Acq: 21 Mar 2022 16:07

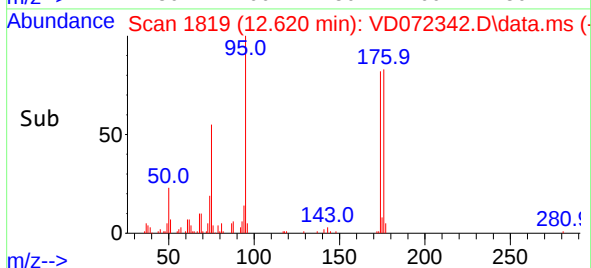
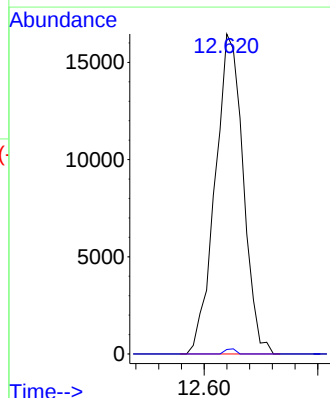
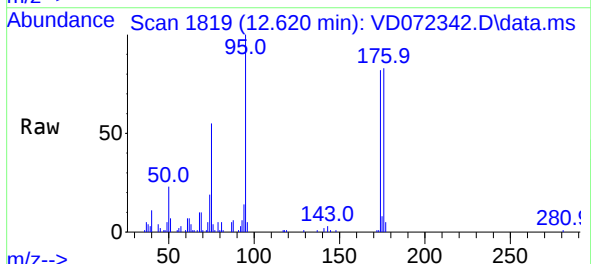
Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-12-21-22RE

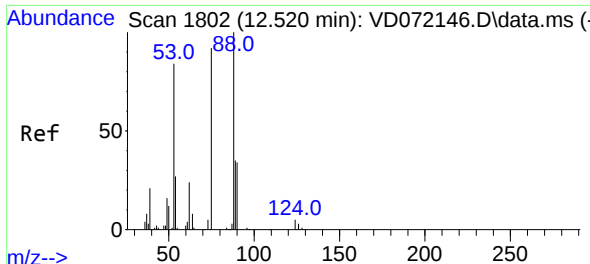
Tgt Ion:152 Resp: 58864
 Ion Ratio Lower Upper
 152 100
 115 60.5 31.3 93.8
 150 161.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 43.415 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072342.D
 Acq: 21 Mar 2022 16:07

Tgt Ion: 75 Resp: 28190
 Ion Ratio Lower Upper
 75 100
 77 0.6 0.0 0.0#

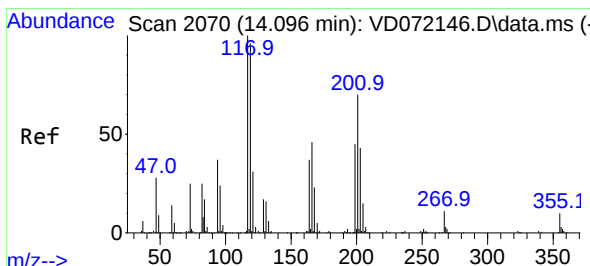
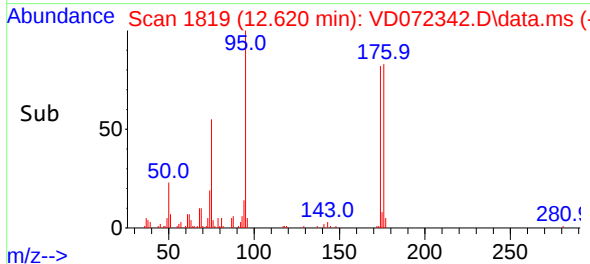
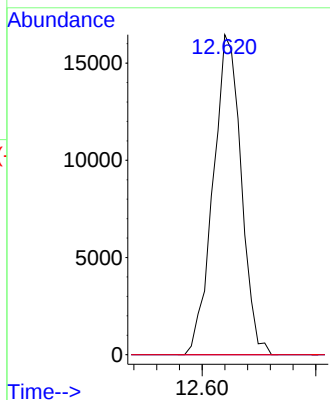
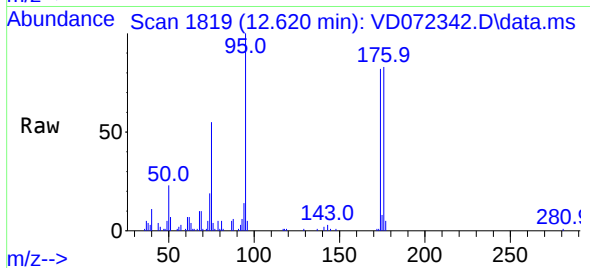




#81
trans-1,4-Dichloro-2-butene
Concen: 107.716 ug/l
RT: 12.620 min Scan# 1802
Delta R.T. 0.100 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

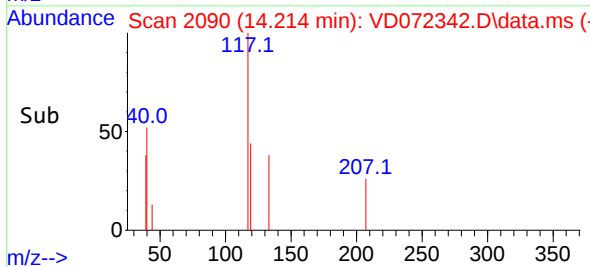
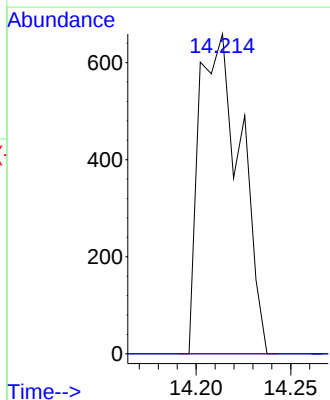
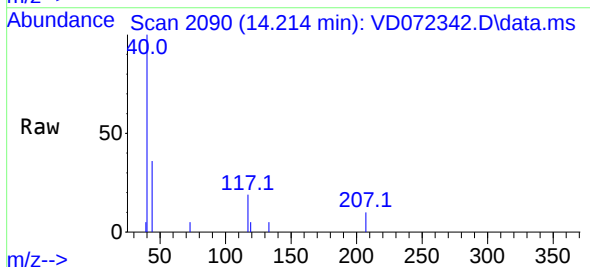
Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE

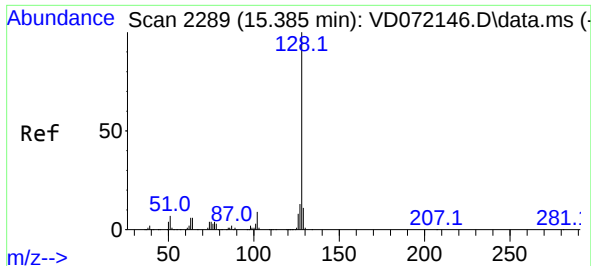
Tgt Ion: 75 Resp: 28190
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#90
Hexachloroethane
Concen: 1.180 ug/l
RT: 14.214 min Scan# 2090
Delta R.T. 0.118 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

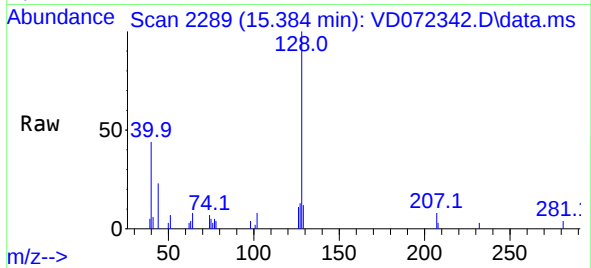
Tgt Ion: 117 Resp: 1004
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#





#95
Naphthalene
Concen: 5.407 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072342.D
Acq: 21 Mar 2022 16:07

Instrument :
MSVOA_D
ClientSampleId :
G-3-12-21-22RE



Tgt Ion:128 Resp: 11839
Ion Ratio Lower Upper
128 100
127 15.3 10.3 15.5
129 12.8 8.4 12.6#

